

Electronic Filing System (EFS) Data
Electronic Patent Application Submission
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EFS ID: 18172
Application ID: 10065163
Title of Invention: COMPONENT ANALYSIS OF
MIXTURES BY NUCLEAR
MAGNETIC RESONANCE
First Named Inventor: Thomas EARLY
Domestic/Foreign Application: Domestic Application
Filing Date: null
Effective Receipt Date: 2002-09-23 
Submission Type: Utility Patent Filing
Filing Type: new-utility
Confirmation Number: 0
Attorney Docket Number: 040849-0192
Digital Certificate Holder: cn=Michael D. Kaminski, ou=Registered Attorneys, ou=Patent and
Trademark Office, ou=Department of Commerce, o=U.S.
Government, c=US
Certificate Message Digest: toTp1/1RKU+j47rNw/td0w==
Total Fees Authorized: \$816.0

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Deposit Account Number: 190741
Deposit Account Name: Bonita G. Huber

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TRANSMITTAL FORM

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Stylesheet Version: 1.0

Attorney Docket
Number:

040849-
0192

Submission Type: Utility Patent
Filing

COMPONENT ANALYSIS OF MIXTURES BY NUCLEAR MAGNETIC RESONANCE

First Named Inventor: Thomas Alan EARLY

SUBMITTED BY

| | |
|---------------------------------|-----------------------|
| Name: | Michael D. Kaminski |
| Registration Number: | 32,904 |
| Electronic Signature Mark: MKDA | Date Signed: 20020923 |

I certify that the use of this system is for OFFICIAL correspondence between patent applicants or their representatives and the USPTO. Fraudulent or other use besides the filing of official correspondence by authorized parties is strictly prohibited, and subject to a fine and/or imprisonment under applicable law.

I, the undersigned, certify that I have viewed a display of document(s) being electronically submitted to the United States Patent and Trademark Office, using either the USPTO provided style sheet or software, and that this is the document(s) I intend for initiation or further prosecution of a patent application noted in the submission. This document(s) will become part of the official electronic record at the USPTO.

Attached Files:

| | |
|-------------|-----------|
| declaration | Dec01.tif |
| declaration | Dec02.tif |
| declaration | Dec03.tif |
| declaration | Dec04.tif |

specification [efs040849-0192.xml](#)
bibd-transmittal [ePAVEapds.xml](#)
fee-transmittal [ePAVEfee.xml](#)
patent-assignments [ePAVEasgn.xml](#)

Attached Image File(s):

Dec01.tif

Dec02.tif

Dec03.tif

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Comments:

DECLARATION AND POWER OF ATTORNEY

As a below named inventor, I HEREBY DECLARE:

THAT my residence, post office address, and citizenship are as stated below next to my name;

THAT I believe I am the original, first, and sole inventor (if only one inventor is named below) or an original, first, and joint inventor (if plural inventors are named below or in an attached Declaration) of the subject matter which is claimed and for which a patent is sought on the invention entitled

COMPONENT ANALYSIS OF MIXTURES BY NUCLEAR MAGNETIC RESONANCE

Attorney Docket No. 040849/0187
(GE Docket Number-27,969)

the specification of which (check one)

is attached hereto.

was filed on _____ as United States Application Number or PCT International Application Number _____ and was amended on _____ (if applicable).

THAT I do not know and do not believe that the same invention was ever known or used by others in the United States of America, or was patented or described in any printed publication in any country, before I (we) invented it;

THAT I do not know and do not believe that the same invention was patented or described in any printed publication in any country, or in public use or on sale in the United States of America, for more than one year prior to the filing date of this United States application;

THAT I do not know and do not believe that the same invention was first patented or made the subject of an Inventor's certificate that issued in any country foreign to the United States of America before the filing date of this United States application if the foreign application was filed by me (us), or by my (our) legal representatives or assigns, more than twelve months (six months for design patents) prior to the filing date of this United States application;

THAT I have reviewed and understand the contents of the above-identified specification, including the claim(s), as amended by any amendment specifically referred to above;

THAT I believe that the above-identified specification contains a written description of the invention, and of the manner and process of making and using it, in such full, clear, concise, and exact terms as to enable any person skilled in the art to which it pertains, or with which it is most nearly connected, to make and use the invention, and sets forth the best mode contemplated by me of carrying out the invention; and

THAT I acknowledge the duty to disclose to the U.S. Patent and Trademark Office all information known to me to be material to patentability as defined in Title 37, Code of Federal Regulations, §1.56.

I HEREBY CLAIM the benefit under Title 35, United States Code § 119(e) of any United States provisional application(s) listed below.

Atty. Dkt. No. 040849/0192
GE Docket Number-121,788

| U.S. Provisional Application Number | Filing Date |
|-------------------------------------|-------------|
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I HEREBY CLAIM the benefit under Title 35, United States Code, §120 of any United States application(s), or § 365(c) of any PCT international application designating the United States of America, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of Title 35, United States Code, § 112, I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, § 1.56 which became available between the filing date of the prior application and the national or PCT International filing date of this application.

| U.S. Parent Application Number | PCT Parent Application Number | Parent Filing Date | Parent Patent Number |
|--------------------------------|-------------------------------|--------------------|----------------------|
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I HEREBY APPOINT the following registered attorneys and agents to have full power to prosecute this application and any continuations, divisions, reissues, and reexaminations thereof, to receive the patent, and to transact all business in the United States Patent and Trademark Office connected therewith:

| | |
|-------------------------------------|-----------------|
| CHRISTIAN G. CABOU | Reg. No. 35,467 |
| DONALD S. INGRAHAM | Reg. No. 33,714 |
| JILL M. BREEDLOVE | Reg. No. 32,684 |
| NOREEN C. JOHNSON | Reg. No. 38,929 |
| PATRICK K. PATNODE | Reg. No. 40,121 |
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| HENRY J. POLLCINSKI | Reg. No. 26,621 |
| JAMES W. MITCHELL | Reg. No. 25,602 |
| BERNARD SNYDER | Reg. No. 24,843 |
| CATHERINE J. WINTER | Reg. No. 38,364 |
| OF THE GENERAL ELECTRIC COMPANY AND | |
| STEPHEN A. BENT | Reg. No. 29,768 |
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| ALAN I. CANTOR | Reg. No. 28,163 |
| WILLIAM T. ELLIS | Reg. No. 26,874 |
| JOHN J. FELDHAUS | Reg. No. 28,822 |
| MICHAEL D. KAMINSKI | Reg. No. 32,904 |
| KENNETH E. KROSEN | Reg. No. 25,735 |
| JOHNNY A. KUMAR | Reg. No. 34,649 |
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GE Docket Number-121,788

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|--------------------|-----------------|
| RICHARD L. SCHWAAB | Reg. No. 25,479 |
| MICHELE M. SIMKIN | Reg. No. 34,717 |
| HAROLD C. WEGNER | Reg. No. 25,258 |

OF THE LAW FIRM FOLEY & LARDNER

and I request that all correspondence be directed to:

Michael D. Kaminski
 FOLEY & LARDNER
 Washington Harbour
 3000 K Street, N.W., Suite 500
 Washington, D.C. 20007-5109

Telephone: (202) 672-5300
 Facsimile: (202) 672-5399

I UNDERSTAND AND AGREE THAT the foregoing attorneys and agents appointed by me to prosecute this application do not personally represent me or my legal interests, but instead represent the interests of the legal owner(s) of the invention described in this application.

I FURTHER DECLARE THAT all statements made herein of my own knowledge are true, and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Name of first inventor

Thomas Alan EARLY

Residence

Clifton Park, New York

Citizenship

USA

Post Office Address

32 Leonardo Drive, Clifton Park, New York 12065-2038

Inventor's signature

Thomas Alan Early
 9/16/02

Date

Name of second inventor

Paul Emery DONAHUE

Residence

Niskayuna, New York

Citizenship

USA

Post Office Address

128 Ardmore Court, Niskayuna, New York 12309

Inventor's signature

Paul Emery Donahue
 9/16/02

Date

Atty. Dkt. No. 040849/0192
GE Docket Number-121,788

Name of third inventor

Residence

Citizenship

Post Office Address

Inventor's signature

Date

Anne 9/16/02
Elizabeth ~~Ann~~ WILLIAMS *EAW*

9/16/02 South Scotia, New York

USA

3 Berkley Square South, Scotia, New York 12302

Elizabeth Anne Williams

9/16/02

FEE TRANSMITTAL

Electronic Version 1.1.0

Stylesheet Version: 1.0

Patent fees are subject to annual revisions on or about October 1st of each year.

Large Entity

TOTAL FEES AUTHORIZED: \$ 816

The commissioner is hereby authorized to charge indicated processing and/or publication fees and credit any overpayments to:

Deposit Account Number: 19-0741



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Charge Any Additional Fee Required Under 37 C.F.R. Sections 1.16 and 1.17.

Charge Assignment Fees Required Under 37 C.F.R. Section 1.21 (h).

SUBMITTED BY

Authorized Name: Bonita G. Huber

Electronic Signature Mark: \bgh

Date Signed: 20020923

BASIC FILING FEE

| Fee Description | Fee Code | Fee Paid |
|--------------------|----------|----------|
| Utility Filing Fee | 101 | \$ 740 |

Subtotal For Basic Filing Fee: \$ 740

EXTRA CLAIM FEES

| | Fee Code | Fee | Extra Claims | Fee Paid |
|-----------------------|----------|-------|--------------|----------|
| Total Claims: 22 | 103 | \$ 18 | 2 | \$ 36 |
| Independent Claims: 3 | 102 | \$ 84 | 0 | \$ 0 |

Subtotal For Extra Claims Fees: \$ 36

ADDITIONAL FEES

| Fee Description | Number | Quantity | Fee Code | Amount | Fee Paid |
|---|----------|----------|----------|--------|----------|
| Recording Each Patent Assignment Per Property Fee | 00000000 | 1 | 581 | \$ 40 | \$ 40 |

Subtotal For Additional Fees: \$ 40